

NEW JERSEY *N*EEKLY CROP WEATHER

New Jersey Agricultural Statistics Service

In Cooperation With:

U.S. Department of Agriculture **National Agricultural Statistics Service** Agricultural Marketing Service U.S. Department of Commerce/N.O.A.A. **Rutgers University**

NOAA WEATHER RADIO STATIONS

Allentown

WXL-39 on the VHF-FM frequency of 162.40 Megahertz.

Atlantic City

KHB-38 on the VHF-FM frequency of 162.40 Megahertz.

New York City

KWO-35 on the VHF-FM frequency of 160.55 Megahertz.

Philadelphia

KIH-28 on the VHF-FM frequency of 162.475 Megahertz.

NEW JERSEY AUCTIONS

Vineland

Phone: (856)691-0721

Sales 10:00AM Daily except Sunday.

Landisville

Phone: (856)697-2273 **Direct Sales Daily** Swedesboro Phone: (856)476-0313 Hightstown

Phone: (609)448-0193

Auction Sales Mon-Wed-Fri-7pm

Volume 67 No. 27

Date: October 11, 2005 Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania Issued by Rutgers University New Brunswick, NJ 8 am EDT Tuesday, October 11, 2005

Rainfall amounts, rainfall totals exceeding an inch are likely over the next 48 hours.

Winds for spraying, northeast around 10 mph today tonight, and again Wednesday.

Relative humidity in percent, 90 to 100 through Wednesday.

Dew points, upper 50s to low 60s through Wednesday.

Drying conditions, poor today and Wednesday.

Frost freeze or dew, wetting from showers likely tonight and Wednesday night.

Percent of possible sunshine, less than 10 today and Wednesday.

There is a 70 percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rain free period after application.

Temperatures in the representative bogs will remain above freezing for the next several nights due to clouds and rain.

Late season hay cutting is not recommended through Thursday with the likelihood of rain through the period.

Soil moisture has been returned to favorable levels in many locations and to excessive levels in many locations of northwest New Jersey and eastern Pennsylvania.

The latest 8 to 14 day outlook for the period October 18, 2005, through October 24, 2005, is calling for temperatures to average above normal and precipitation to total below normal.

Climate summary for the week ending 8 am 10/10/05

Temperatures averaged above normal, 64 degrees north, 66 degrees central, and 67 degrees south. Extremes were 82 degrees at Flemington on October 4, 2005, and 44 degrees at Freehold and Downstown on October 4, 2005.

Weekly rainfall averaged 8.55 inches north, 3.29 inches central, and 2.59 inches south. The heaviest 24 hour total reported was 8.29 inches at Newton on October 8, 2005, through October 9, 2005.

Estimated soil moisture, in percent of field capacity, this past week averaged 85 percent north, 79 percent central, and 61 percent south.

Four inch soil temperatures averaged 59 degrees north, 65 degrees central, and 65 degrees south.

	Weath	er Summa	ry for the	Week End	ing 8 am	Monday, (October 1	0, 2005		
Weather Stations	Rainfall			Temperatures				Growing Degree Days		Soil
	Last Week	Since March 1		Last Week				1/		Moisture
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	2/
- Inches -				- Degrees -			- Base 50°F -			
				NO	RTH					
Belvidere Bridge				Data Not Available						
Canoe Brook				Data Not Available						
Charlotteburg	9.18	33.28	1.73	79	46	63	10	2967	852	99
Flemington	7.09	32.46	2.81	82	46	66	11	3374	618	99
Newton	9.38	29.45	.57	79	50	63	11	2916	547	100
	•		•	CEN	TRAL			•		
Freehold	2.36	26.91	-1.91	80	44	65	8	3419	463	99
Long Branch				Data Not Available						
New Brunswick	4.26	29.95	.69	81	50	66	8	3576	489	99
Toms River	1.05	25.14	-4.78	79	45	66	9	3351	456	89
Trenton	5.49	32.63	5.01	80	49	66	8	3633	417	98
	•		-	so	UTH			•		
Cape May C.H.	1.23	27.07	1.18	77	51	67	6	3228	237	73
Downstown	3.41	23.77	-3.29	82	44	67	8	3466	222	98
Hammonton	2.26	24.27	-4.20	82	45	67	9	3570	368	97
Pomona	1.20	22.25	-3.41	79	47	67	10	3485	510	90
Seabrook	4.84	28.68	2.48	82	57	69	10	3860	594	97
South Harrison	5.42	30.54	2.62	80	50	67	NA	3571	NA	NA

*Departure from normal.

1/ Growing degree days since March 1, 2005, total and departure from normal or long term average.

2/ Estimated soil moisture as % of field capacity based on climate data.

Soil Moisture Conditions Improved

Outdoor activities included harvesting corn for grain, cutting and baling hay, picking apples, seeding of small grains, and harvesting fall vegetables. Days suitable for field work, for the week ending Sunday, October 9, 2005, were 5.0. Topsoil moisture was rated 100% adequate. Rainfall ranged from 1.05 inch to 9.38 inch. Temperatures were above normal during the week. Winter wheat and barley began to emerge in some areas. Soybean harvest continued. Sweetpotato harvest continued. Harvest of fall vegetables continued. Pepper harvest neared completion in many localities. Vegetables were rated in mostly good condition. Pumpkin harvest continued. Pumpkin crop condition was rated mostly good. Apple harvest of late varieties continued. Apple crop condition was rated good to excellent. Cranberry harvest progressed. Pasture was rated in mostly fair condition, and need for supplemental feeding continued.